

WP3:Business Processes

COMPOSELECTOR kick-off meeting

LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY

11-12 January 2017



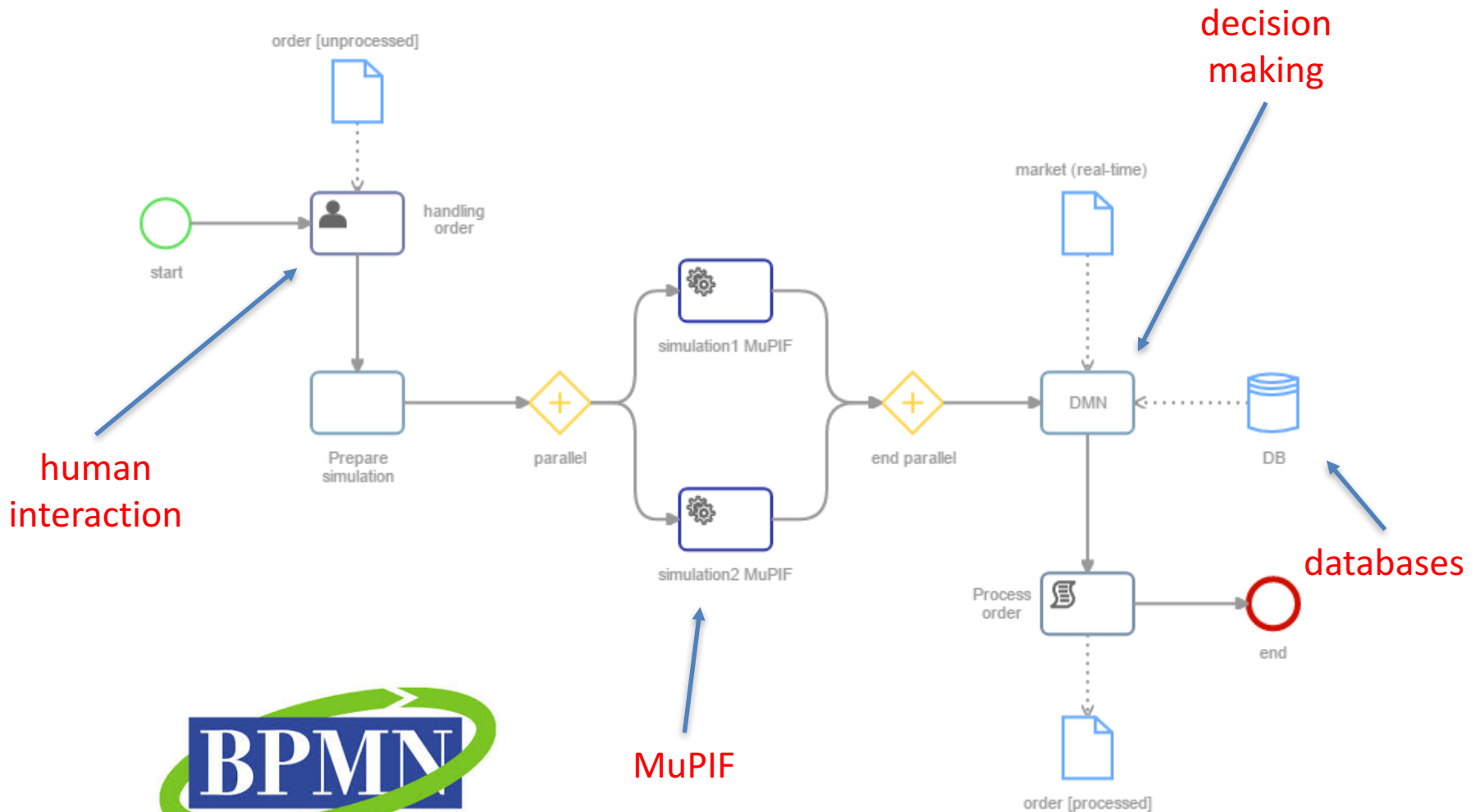
Objectives

To **design** and **implement** the BDSS business layer, based on standard notations for business processes and decision models.

To **integrate** the BDSS business layer with the interoperability layer (MuPIF) and databases.

To initially **evaluate** the BDSS abilities to enable business decisions.

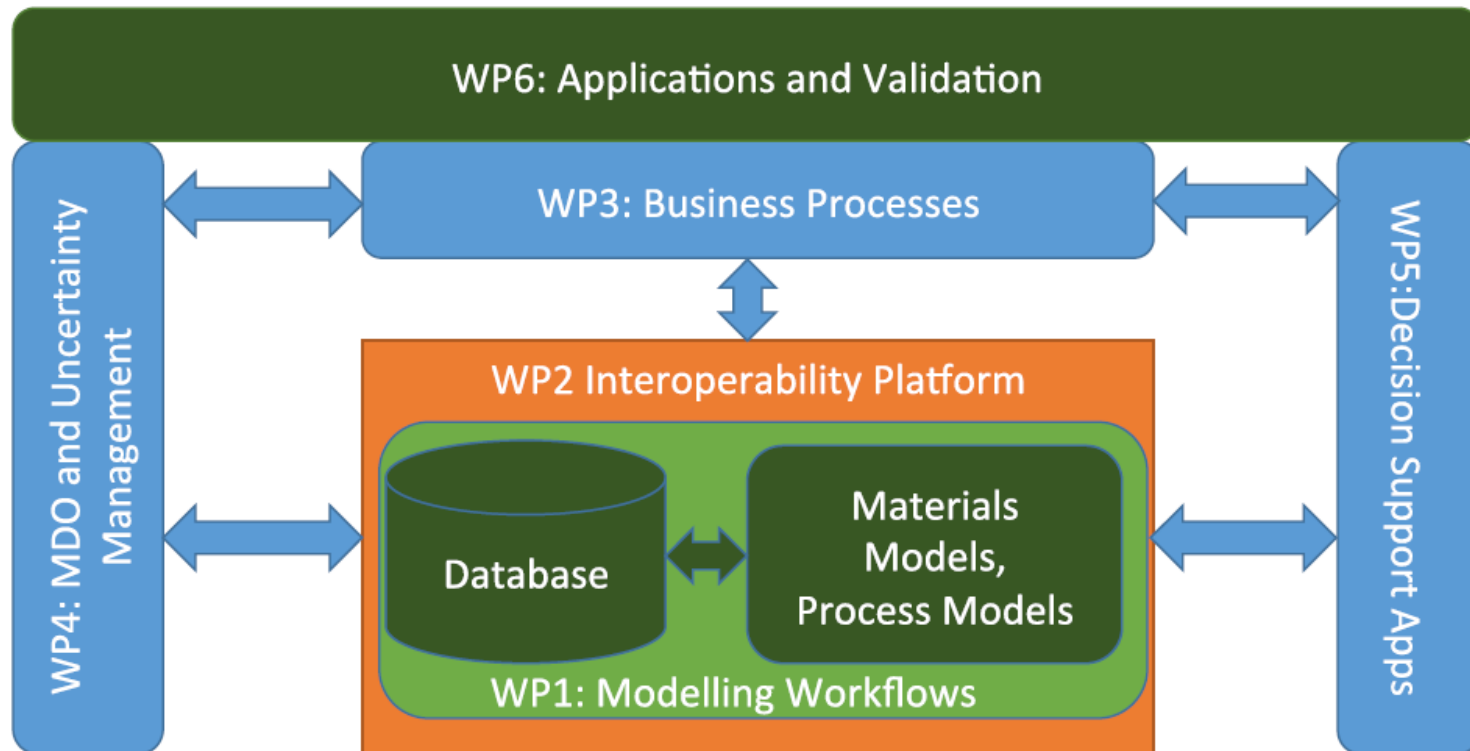
Business Processes



ISO/IEC 19510:2013



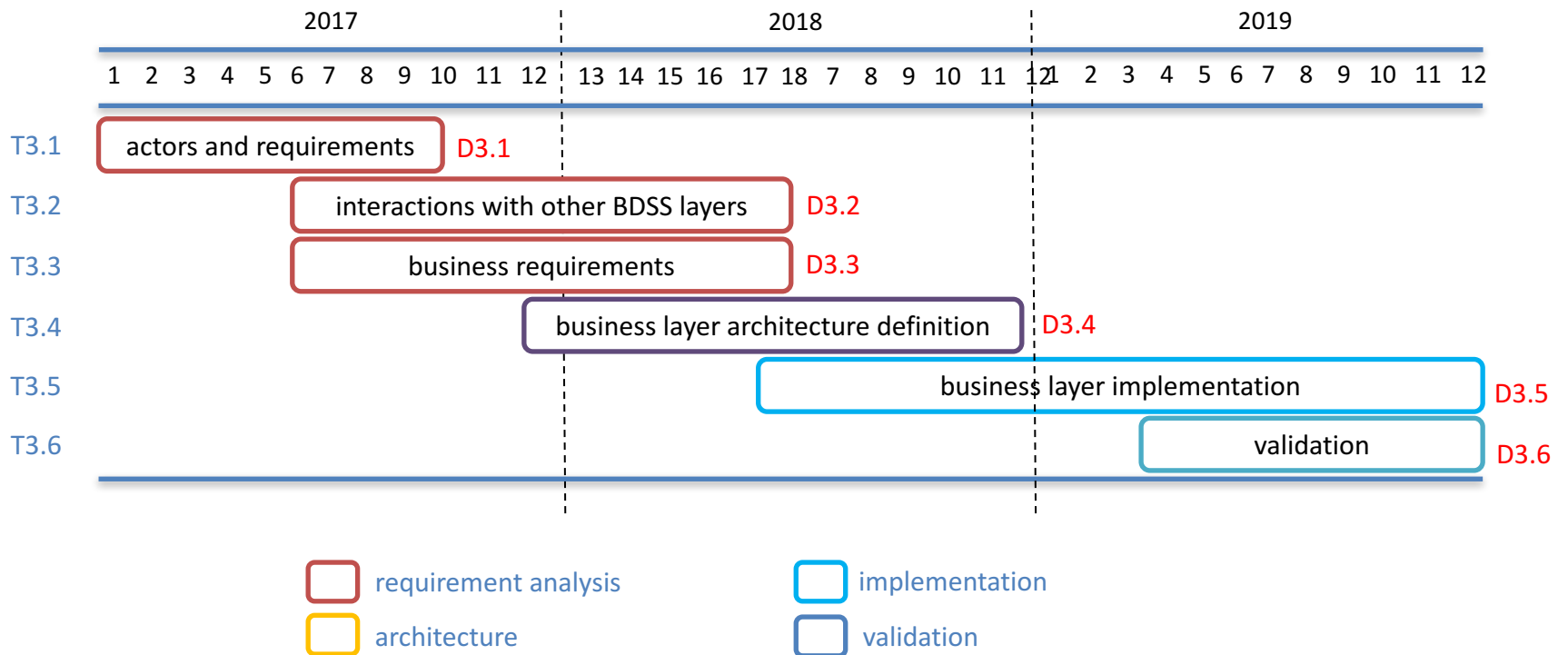
Interdependencies with other WPs



Partners involved



Timing and Deliverables



Task T3.1



OBJECTIVE

identify the main actors and their interactions providing a clear description of the external entities the business layer must interact with.

RESULT

D3.1 formal specification of actors and users stories



Prepare formal UML specification



Provide use-case scenarios



Task T3.2



RESULT

OBJECTIVE

D3.2 API interaction specification

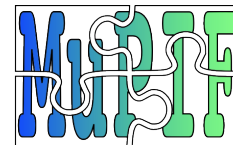
Define the functional requirements for the storage and execution functionalities that are requested for the interaction with the interoperability layer and the databases.



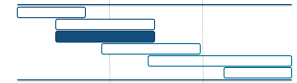
Definition of a common API



B E E P M N



Task T3.3



OBJECTIVE

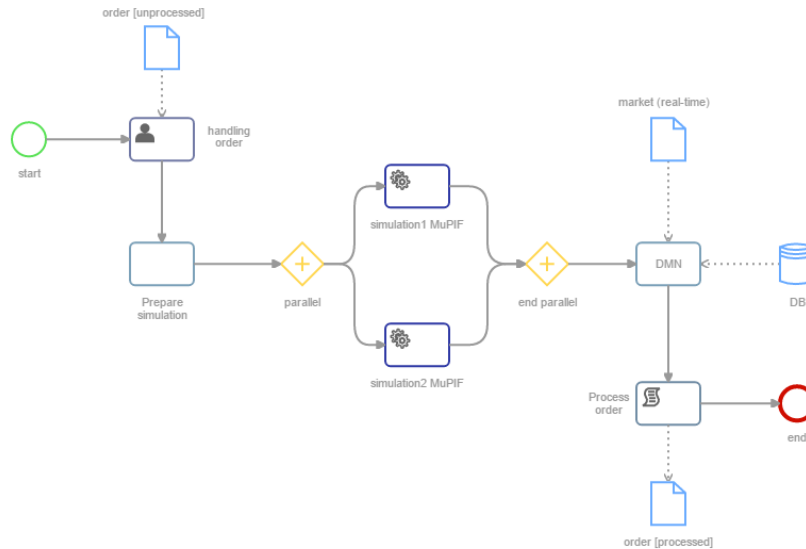
Identification of requirements for enabling business decisions based on end user applications

RESULT

D3.3 business workflows for end user applications



the partners will define a set of business workflows by using BPMN 2.0 and DMN standards



Unambiguous format for modeling processes, cases and decisions that can be interchanged between different vendors' products



Task T3.4

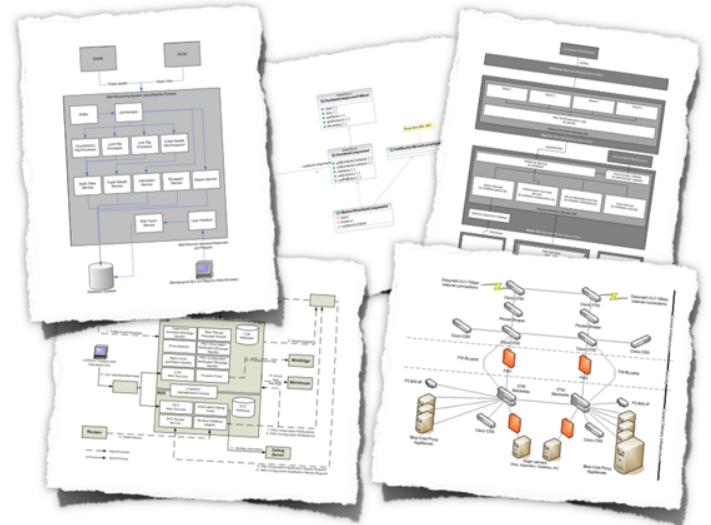


OBJECTIVE

Define the business layer architecture, with a clear definition of modules and their interactions

RESULT

D3.4 the BDSS business layer architecture



Task T3.5



OBJECTIVE

Implement and document the BDSS business layer

RESULT

D3.5 the BDSS business layer implementation



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GRANTA
MATERIAL INSPIRATION

Based on Agile software development techniques



Task T3.6



OBJECTIVE

Perform an initial evaluation of the Business Decision Layer to enable business decisions

RESULT

D3.6 initial validation and demo examples



GRANTA
MATERIAL INSPIRATION

Prepare examples and documentation



Provide simplified scenarios (real KPIs) and validate decision quality



Problems - Comments

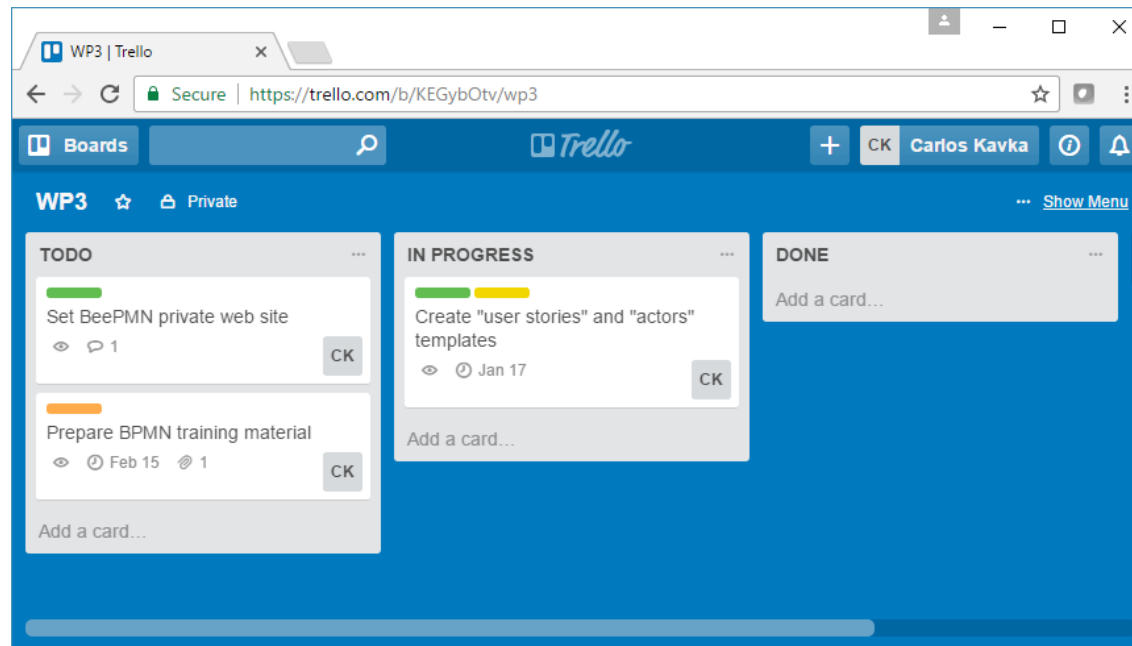
Effort definition!

LIST	2
CTU	?
GRANTA	6
ESTECO	24
DOW	7
TASI	1
Airbus	1
	41



Immediate actions for T3.1

- Definition of interaction model between partners
 - Define a web conference strategy (Skype?)
 - Select a project management tool (Trello?)



Immediate actions for T3.1

- ESTECO will prepare “user stories” and “actors” templates

